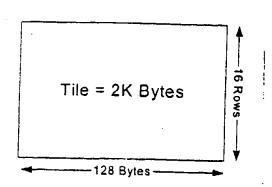


FIG. 2(a)



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FIG. 2(b)

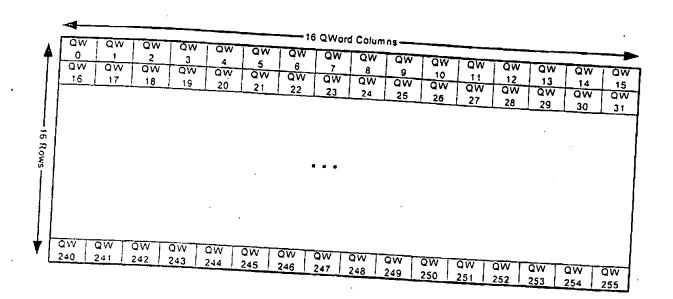


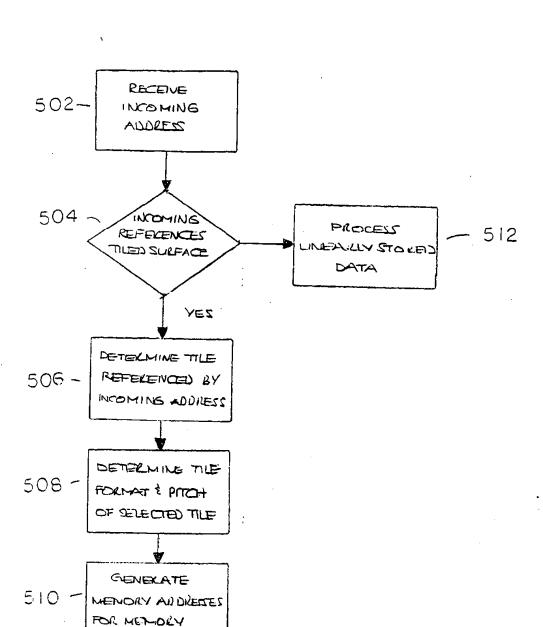
FIG. 3

QW 2 QW 18 QW 3 QW 19 QW 4 QW 20 QW 5 QW 21 QW 6 QW 22 QW 7 QW 23 QW 8 QW 24 QW 9 QW 25 QW 10 QW 25 QW 11 QW 27 QW 28 QW 12 QW 28 QW 13 QW 29 QW 14 QW 30	QWO	QW 16		
QW 2 QW 18 QW 3 QW 19 QW 4 QW 20 QW 5 QW 21 QW 6 QW 22 QW 7 QW 23 QW 8 QW 24 QW 9 QW 25 QW 10 QW 25 QW 11 QW 27 QW 12 QW 28 QW 13 QW 29 QW 14 QW 30	QW 1	QW 17		aw
QW 3 QW 19 QW 4 QW 20 QW 5 QW 21 QW 6 QW 22 QW 7 QW 23 QW 8 QW 24 QW 9 QW 25 QW 10 QW 25 QW 11 QW 27 QW 12 QW 28 QW 13 QW 29 QW 14 QW 30	QW 2	QW 18		QW
QW 5 QW 21 QW 20 QW 21 QW 6 QW 22 QW 7 QW 23 QW 8 QW 24 QW 24 QW 25 QW 10 QW 25 QW 12 QW 27 QW 27 QW 12 QW 28 QW 12 QW 28 QW 13 QW 29 QW 29 QW 29 QW 24 QW 25 QW 14 QW 30 QW 25 QW 25 QW 15 QW 29 QW 26 QW 26 QW 26 QW 26 QW 26 QW 27 QW 27 QW 27 QW 28 QW 28 QW 27 QW 28 QW 2	QW 3	QW 19	·	aw
QW 5 QW 21 QW 6 QW 22 QW 7 QW 23 QW 8 QW 24 QW 9 QW 25 QW 10 QW 25 QW 11 QW 27 QW 22 QW 12 QW 28 QW 13 QW 29 W 14 QW 30	QW 4	QW 20		QW
QW 7 QW 23 QW 8 QW 24 QW 9 QW 25 QW 10 QW 26 QW 11 QW 27 QW 12 QW 28 QW 13 QW 29 QW 29 QW 14 QW 30	QW 5	 		aw
QW 7 QW 23 QW 8 QW 24 QW 9 QW 25 QW 10 QW 26 QW 11 QW 27 QW 12 QW 28 QW 13 QW 29 QW 14 QW 30	QW 6	QW 22		QW
QW 8 QW 24 QW 25 QW 25 QW 2 QW 2 QW	QW 7	QW 23		QW
QW 25 QW 26 W 11 QW 27 W 12 QW 28 W 13 QW 29 W 14 QW 30 QW 2	QW 8	 	• • •	QW :
W 11 QW 27 W 12 QW 28 W 13 QW 29 W 14 QW 30 QW 2	QW 9	QW 25		QW :
QW 22 QW 12 QW 28 QW 13 QW 29 QW 14 QW 30 QW 25	2W 10	QW 26		QW 2
QW 13 QW 29 QW 29 QW 25	QW 11	QW 27		QW 2
W 13 QW 29 W 14 QW 30	W 12	QW 28		QW 2
W 14 QW 30 QW 25	W 13	QW 29		— —
QW 25	2W 14	QW 30	,	
" 'T WITT JI	QW 15	QW 31		QW 25

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FIG. 5

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FIG. 6

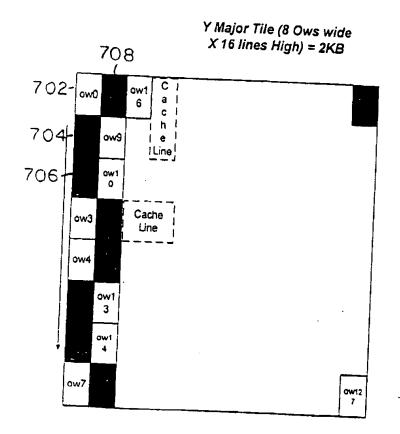


FIG. 7

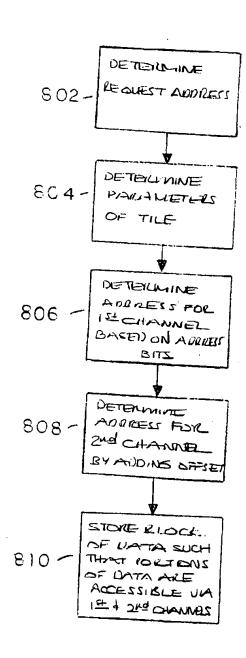


FIG. 8

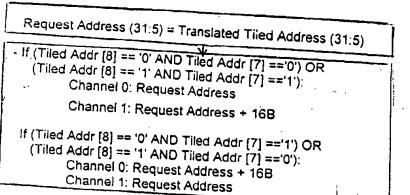


FIG. 9

```
Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [4] == '0' AND Tiled Addr [8] == '0') OR

(Tiled Addr [4] == '1' AND Tiled Addr [8] == '1'):

Channel 0: Request Address

Channel 1: Request Address + 128B

If (Tiled Addr [4] == '0' AND Tiled Addr [8] == '1') OR

(Tiled Addr [4] == '1' AND Tiled Addr [8] == '0'):

Channel 0: Request Address + 128B

Channel 1: Request Address
```

Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [4] == '0' AND Tiled Addr [7] == '0') OR (Tiled Addr [4] == '1' AND Tiled Addr [7] == '1'):

Channel 0: Request Address

Channel 1: Request Address + 256B

If (Tiled Addr [4] == '0' AND Tiled Addr [7] =='1') OR (Tiled Addr [4] == '1' AND Tiled Addr [7] =='0'):

Channel 0: Request Address + 2568

Channel 1: Request Address

FIG. 11

Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='0') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='1'):

Channel 0: Request Address,

Qword (Tiled Addr [3]) = Qword 0 of Source Qword :(Tiled Addr [3]) = Not Used/Updated.

Channel 1: Request Address + 128B,

Qword (Tiled Addr [3]) = Qword 1 of Source Qword (Tiled Addr [3]) = Not Used/Updated.

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='1') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='0'):

Channel 0: Request Address + 128B,

Qword (Tiled Addr [3]) = Qword 1 of Source

Qword (Tiled Addr [3]) = Not Used/Updated.

Channel 1: Request Address,

Qword (Tiled Addr [3]) = Qword 0 of Source

Qword (Tiled Addr [3]) = Not Used/Updated.



```
Request Address (31:5) = Translated Tiled Address (31:5)
```

If (Tiled Addr [5] == '0' AND Tiled Addr [4] == '0') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] == '1'):

> Channel 0: Request Address Channel 1: Request Address + 128B

If (Tiled Addr [5] == '0' AND Tiled Addr [4] == '1') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='0'):

> Channel 0: Request Address + 128B Channel 1: Request Address

FIG. 13

```
Request Address (31:5) = Translated Tiled Address (31:5)
```

If (Tiled Addr [7] == '0' AND Tiled Addr [5] =='0') OR (Tiled Addr [7] == '1' AND Tiled Addr [5] =='1'):

Channel 0: Request Address Channel 1: Request Address + 16B

If (Tiled Addr [7] == '0' AND Tiled Addr [5] =='1') OR (Tiled Addr [7] == '1' AND Tiled Addr [5] =='0'):

> Channel 0: Request Address + 16B Channel 1: Request Address